

ABSTRACT OF THE DISCLOSURE

A fast roaming system for changing, in a short period of time, the
5 connection to a roaming destination AP (access point) providing a better
communication environment, and for improving a roaming completion rate. In
response to a search process performed by a mobile terminal, individual APs
transmits AP data required for roaming directly to the mobile terminal. The
mobile terminal performs the passive scanning search or the active scanning
10 search for the peripheral APs at short time intervals, and obtains and stores the
latest AP data in an AP data table. As a result, only the latest data for the
connectable peripheral AP can be stored as a roaming destination in the AP
data table. Furthermore, since the order condition is set by the mobile terminal
to select the roaming destination AP, there is a high probability that the roaming
15 is completed when the peripheral AP is first selected. Therefore, only a short
period of time is required until the roaming is completed.